

AMENDMENTS TO THE CLAIMS

1. **(Previously Presented)** Photoactivatable water borne coating composition comprising
 - a) a (meth)acryloyl-functional polyurethane dispersion, wherein the (meth)acryloyl-functional polyurethane comprises 5 to 18 wt.% of alkylene oxide groups, based on the weight of the (meth)acryloyl-functional polyurethane, and the (meth)acryloyl functionality is in the range of 2 to 40, and
 - b) a UV-initiator.
2. **(Previously Presented)** Water borne coating composition according to claim 1, wherein the (meth)acryloyl-functional polyurethane comprises 8 to 18 wt.% of alkylene oxide groups, based on the weight of the (meth)acryloyl-functional polyurethane.
3. **(Original)** Water borne coating composition according to claim 1, wherein the coating composition comprises a reactive diluent.
4. **(Original)** Water borne coating composition according to claim 1, wherein the number average molecular weight of the (meth)acryloyl-functional polyurethane is in the range of 1,200 to 8,000.
5. **(Original)** Water borne coating composition according to claim 1, wherein the equivalent weight of the (meth)acryloyl-functional polyurethane is in the range of 200 to 4,000 g/eq on solid.
6. **(Previously Presented)** Water borne coating composition according to claim 1, wherein the (meth)acryloyl-functional polyurethane is obtained by reaction of:
 - a) at least one organic polyisocyanate,

- b) optionally, at least one organic compound containing at least two isocyanate-reactive groups and having a number average molecular weight in the range of 400 to 6,000,
- c) at least one isocyanate-reactive and/or isocyanate-functional compound bearing non-ionic dispersing groups,
- d) at least one isocyanate-reactive (meth)acryloyl-functional compound,
- e) optionally, at least one active hydrogen-containing chain extender, and
- f) optionally, at least one active hydrogen-containing compound bearing ionic groups.

7. **Cancelled.**

8. **Cancelled.**

9. **(Previously Presented)** Water borne coating composition according to claim 18, wherein the ratio of the free isocyanate groups to the isocyanate-reactive groups in the coating composition is 0.25-4:1.

10. **(Original)** Water borne coating composition according to claim 1, wherein the coating composition is a water borne clear coat.

11. **(Original)** Method of coating a substrate which comprises applying a water borne coating composition according to claim 1 to a substrate, causing or allowing the aqueous based carrier phase of the composition to be removed, and curing the surface of the film obtained with UV light.

12. **(Currently Amended)** Method of coating a substrate which comprises applying a water borne coating composition according to claim 7 18 to a substrate, causing or allowing the aqueous based carrier phase of the composition to be removed, curing

the surface of the film obtained with UV light, and allowing the unexposed layers to cure thoroughly at room temperature or with heating.

13. **(Previously Presented)** Method of coating a metal substrate with a base coat composition and a clear coat composition, the clear coat comprising a (meth)acryloyl-functional polyurethane dispersion wherein the polyurethane has 8 to 18 wt.% of alkylene oxide groups, based on the weight of the (meth)acryloyl-functional polyurethane, and a UV-initiator.
14. **(Previously Presented)** Method of coating a flexible flooring with a clear coat composition, the clear coat composition comprising a (meth)acryloyl-functional polyurethane dispersion wherein the polyurethane has 5 to 18 wt.% of alkylene oxide groups, based on the weight of the (meth)acryloyl-functional polyurethane, and a UV-initiator.
15. **(Original)** Method according to claim 13, wherein the clear coat composition comprises a reactive diluent.
16. **(Previously Presented)** Water borne coating composition according to claim 18, wherein one or more of the isocyanate-reactive groups is a hydroxyl group.
17. **Cancelled.**
18. **(Currently Amended)** A photoactivatable water borne coating composition comprising
a (meth)acryloyl-functional polyurethane dispersion wherein the (meth)acryloyl-functional polyurethane comprises 5 to 18 wt % of alkylene oxide groups, based on the weight of the (meth)acryloyl-functional polyurethane, and the (meth)acryloyl functionality is in the range of 2 to 40;
an organic polyisocyanate; and
at least one compound comprising isocyanate-reactive groups; and

a UV initiator;

wherein (1) the coating composition further comprises at least one compound comprising isocyanate reactive groups or (2) the (meth)acryloyl-functional polyurethane comprises isocyanate reactive groups.